## INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/002828

A. CLASSIFICATION OF SUBJECT MATTER				
IPC7 B60H 1/08				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by	classification symbols)			
IPC7 B60H I/08, H05B 3/06, H05B 3/14				
Documentation searched other than minimum documentation to the ex	stent that such documents are included in the fi	elds searched		
KR, JP, DE: Classes as above				
Electronic data base consulted during the intertnational search (name	of data base and, where practicable, search term	ns used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citation of document, with indication, where app	gory* Citation of document, with indication, where appropriate, of the relevant passages			
A JP 2-3693 U ( aluminum. CO. Ltd) 11 January 1990 Claims I				
The second of th				
A DE 20305936 U1 (Eicheauer Heizelemente Gmbh & Fig 1-6	DE 20305936 U1 (Eicheauer Heizelemente Gmbh & CO) 28 August 2003 Fig 1-6			
W	S January 2003			
A KR 20-0302522(Doowon Clinate Control. CO. Ltd) 15 January 2003 Claims 1				
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Further documents are listed in the continuation of Box C.     See patent family annex.				
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered date and not in conflict with the application but cited to understand				
to be of particular relevance the principle or theory underlying the invention the principle or theory underlying the invention "E" earlier application or patent but published on or after the international "X" document of particular relevance; the claimed invention cannot be				
filing date considered novel or cannot be considered to involve an inventive				
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other "Y" document of particular relevance; the claimed invention cannot be				
special reason (as specified)  considered to involve an inventive step when the document is combined with one or more other such documents, such combination				
means being obvious to a person skilled in the art				
than the priority date claimed				
Date of the actual completion of the international search	Date of mailing of the international search report			
02 FEBRUARY 2005 (02.02.2005)	03 FEBRUARY 2005 (03.02.2005)			
Name and mailing address of the ISA/KR	Authorized officer	Antitud		
Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea	KANG, Hyeong Seok	何質的		
Facsimile No. 82-42-472-7140	Telephone No. 82-42-481-5508	الوال ال		

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/KR2004/002828

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2-3693 U	11. 01. 1990	None	
DE 20305936 U1	28. 08. 2003	None	
KR 20-0302522 Y1	15 01. 2003	None /	

Form PCT/ISA/210 (patent family annex) (January 2004)